

Claims

What is claimed is:

1. A picture frame with integrated power control and lighting comprising;
5 a frame structure capable of retaining a replaceable image,
at least one power storage device located within the frame structure,
a power control device located within the frame structure,
at least one light source located in front of the image located within the frame
structure, and
10 an electrical connection located within the frame structure that connects the power
control mechanism and the light source.
2. The frame structure in claim 1 wherein the frame structure is made from metal,
plastic, or wood.
3. The power source from claim 1 wherein the power source is capable of storing
15 electrical power.
4. The power source from claim 3 wherein the power source is selected from group
of batteries, storage capacitors, solar cells.
5. The light source from claim 1 wherein the light emitting source is selected from a
group consisting of LED's incandescent lights, florescent light, halogen lights, or
20 any other device that provides light when electricity is applied.
6. The image from claim 1 wherein the image is a flat or 3 dimensional image that
rises from a surface.
7. The electrical connection from claim 1 wherein the electrical connection consists
of wires etched circuit board, and circuitry that is molded bonded or formed as a

part of the frame.

8. A picture frame with integrated lighting comprising;
a frame structure capable of retaining a replaceable image,
a power source located external to the frame structure,
5 at least one light source located within the frame structure and in front of the
image such that the illumination from the light shines on the front of the
replaceable image, and
an electrical connection located within the frame structure that connects the power
source to the light source.
- 10 9. The replaceable image from claim 8 wherein the image is a picture, painting,
drawing or other artwork designed for viewing.
10. The retaining mechanism from claim 8 wherein the retaining mechanism is from
screws, bolts, brads, nails, and tape retained by the frame.
10. The frame structure in claim 8 wherein the frame structure is made from metal,
15 plastic, or wood.
11. The power source from claim 8 wherein the power source is from an electrical
outlet, batteries, or other power supply that is capable of providing electrical
power.
12. The light source from claim 8 wherein the light source is selected from a group
20 consisting of LED's incandescent lights, florescent light, halogen lights, or any
other device that provides light when electricity is applied.
13. The image from claim 8 wherein the image is a flat or 3 dimensional image that
rises from a surface.

14. The electrical connection from claim 8 wherein the electrical connection consists of wires etched circuit board, and circuitry that is molded bonded or formed as a part of the frame.
15. A method of providing front illuminating of a picture or image comprising;
5 providing a frame structure that can retain an image,
providing a power source,
providing a light source, and locating the light source within the frame and in front of the image, and
providing an electrical connection from the power source to the light source
10 within the frame structure.
16. The frame structure from claim 15 wherein the frame is the frame structure is made from metal, plastic, or wood.
17. The image from claim 15 wherein the image is a picture, painting, drawing or other artwork designed for viewing.
- 15 18. The power source from claim 15 wherein the power source is from an electrical outlet, batteries, or other power supply that is capable of providing electrical power.
19. The light source from claim 15 wherein the source is selected from a group consisting of LED's incandescent lights, florescent light, halogen lights, or any
20 other device that provides light when electricity is applied.
20. The electrical connection from claim 15 wherein the electrical connection consists of wires etched circuit board, and circuitry that is molded bonded or formed as a part of the frame structure.